

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549,692	06/23/2006	Henrik Sjoland	0110-058	9598
	7590 07/19/2007 ATENT GROUP, PLLC		EXAMINER	
P. O. BOX 270	·		0110-058 9598 EXAMINER HU, RUI MENG ART UNIT PAPER NUMBER 2618	
FREDERICKS	BURG, VA 22404			PAPER NUMBER
			2618	
		•	MAIL DATE	DELIVERY MODE
			07/19/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

·	Application No.	Applicant(s)				
Office Action Summary	10/549,692	SJOLAND ET AL.				
	Examiner	Art Unit				
The MAILING DATE of this communication app	RuiMeng Hu	2618				
Period for Reply		are correspondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be a vailable under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICA 36(a). In no event, however, may a rep will apply and will expire SIX (6) MONTH, cause the application to become ABAI	ATION. ly be timely filed As from the mailing date of this communication. NDONED (35 U.S.C. § 133).				
Status						
1)⊠ Responsive to communication(s) filed on 23 Ju	ıne 2006.					
2a) This action is FINAL . 2b) This	action is non-final.					
3) Since this application is in condition for allowar	nce except for formal matter	s, prosecution as to the merits is				
closed in accordance with the practice under E	x parte Quayle, 1935 C.D.	11, 453 O.G. 213.	•			
Disposition of Claims						
4)⊠ Claim(s) <u>1-14</u> is/are pending in the application.						
4a) Of the above claim(s) is/are withdraw						
5) Claim(s) is/are allowed.	·	•				
6) Claim(s) is/are rejected.						
7) Claim(s) is/are objected to.		. `				
8)⊠ Claim(s) <u>1-14</u> are subject to restriction and/or e	election requirement.					
Application Papers						
9) ☐ The specification is objected to by the Examine	r.					
10) ☐ The drawing(s) filed on is/are: a) ☐ acce	epted or b) objected to by	the Examiner.				
Applicant may not request that any objection to the	drawing(s) be held in abeyanc	e. See 37 CFR 1.85(a).				
Replacement drawing sheet(s) including the correction	, -, -, -, -, -, -, -, -, -, -, -, -, -,	•				
11) ☐ The oath or declaration is objected to by the Ex	aminer. Note the attached (Office Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12) ☐ Acknowledgment is made of a claim for foreign a) ☐ All b) ☐ Some * c) ☐ None of:	priority under 35 U.S.C. § 1	19(a)-(d) or (f).				
1. Certified copies of the priority documents	1. Certified copies of the priority documents have been received.					
2. Certified copies of the priority documents						
3. Copies of the certified copies of the prior	•	ceived in this National Stage				
application from the International Bureau	· · · · · · · · · · · · · · · · · · ·	and transfer				
* See the attached detailed Office action for a list	or the certified copies not re	ceived.				
		•				
Attachment(s)	A) 🗖 1					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/	nmary (PTO-413) Mail Date				
3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	5) Notice of Info 6) Other:	rmal Patent Application				
	٠, <u>١</u> ٥(١٥٠	•				

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DETAILED ACTION

Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 1-13, drawn to a passive mixer, classified in U.S. class 455, subclass 326.

Group II, claim 14, drawn to an apparatus comprising a mixer and a low noise amplifier wherein the mixer is connected to the low noise amplifier, classified in U.S. class 330, subclass 252.

2. A telephone call was made to Kenneth Leffler on July 11, 2007 to request an oral election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not

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distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Conclusion

Any response to this Office Action should be **faxed to** (571) 273-8300 **or mailed** to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RuiMeng Hu whose telephone number is 571-270-1105. The examiner can normally be reached on Monday - Thursday, 8:00 a.m. - 5:00 p.m., EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 571-272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RuiMeng Hu R.H./rh July 11, 2007

> EDWARD F. URBAN SUPERVISORY PATENT TECHNOLOGY CENTER